## IN THE CLAIMS

Please amend the claims as follows:

1.      (Currently Amended) A method for managing Virtual Private Network (VPN) communications, comprising:

receiving a communication from a local client, which is redirected on behalf of the local client by a proxy that the local client is unaware of and the communication which is being directed by the local client to a remote client over an insecure network, and wherein the proxy determines on behalf of the local client that communication is to be associated with a VPN;

identifying the [[a]] VPN associated with the communication;

inspecting a local cache to determine when the communication can be satisfied via the local cache;

translating the communication for delivery within the VPN when the communication is not satisfied from the local cache; and

sending, when the communication is not satisfied from the local cache, the translated communication via the VPN to a remote transparent VPN service, which manages VPN traffic for the remote client.


2.      (Original) The method of claim 1 further comprising, processing the method as a local transparent VPN service, which manages VPN traffic for the local client.


3.      (Currently Amended) The method of claim 1 wherein receiving further comprising, directing the communication from the local client to the method based on the local client attempting to access a defined port, the defined port is associated with a switch or router that relays the communication to the method.


4.      (Original) The method of claim 1 further comprising, interacting with the remote transparent VPN service to manage additional communications between the local client and the remote client via the VPN.

5.      (Currently Amended) The method of claim 4 further comprising, caching data received from the remote transparent VPN service in the [[a]] local cache for accelerated delivery to the local client.

6.      (Original) The method of claim 1 wherein receiving the communication further includes receiving the communication in at least one of a File Transfer Protocol (FTP) format and a Transmission Control Protocol (TCP) format.

7.      (Original) The method of claim 1 further comprising, communicating with the remote transparent VPN service over the insecure network via Secure Sockets Layer (SSL) or Transport Layer Security (TLS).

8.      (Currently Amended) A method for managing Virtual Private Network (VPN) communications, comprising:

        receiving a communication from a local client which is directed to a remote client associated with a VPN, and wherein the communication is intercepted by a proxy when the local client attempts to send the communication to the remote client and wherein the proxy determines that the communication is to use the VPN; and

        inspecting the communication for determining whether the communication is a request for data that resides in a local cache, and if so, delivering the data to the local client to ensure the local client experiences accelerated data delivery, and if not, locating a remote transparent VPN service associated with the VPN, and wherein the communication is translated into formats used by the VPN and sent securely over an insecure network to the remote transparent VPN service for delivery to the remote client.

9.      (Original) The method of claim 8 wherein inspecting further includes establishing secure communications with the remote transparent VPN service using at least one of Sockets Layer(SSL) and Transport Layer Security (TLS).

10.    (Original) The method of claim 8 wherein inspecting further includes identifying the remote transparent VPN service as a service which is managing VPN traffic for the remote client.

11.    (Currently Amended) The method of claim 8 wherein receiving further includes intercepting the communication issued from the local client by using a router or switch, wherein the local client directs the communication to the remote client via [[the]] a communication port and [[the]] a router or switch relays the communication to the processing of the method.

12.    (Original) The method of claim 8 further comprising:

receiving a response communication from the remote client via the remote transparent VPN service, if the communication had been sent via the VPN because it could not be satisfied from the local cache;

translating the response based on the formats of the VPN; and

delivering the translated response to the local client.

13.    (Original) The method of claim 8 further comprising, managing additional communications associated with the VPN from one or more different local clients which are directed between one or more different remote clients, wherein the remote transparent VPN service manages the additional communications on behalf of the one or more different remote clients.

14.    (Original) The method of claim 8 wherein receiving further includes intercepting the communication after detecting that the local client is transmitting the communication with a non-Hypertext Transfer Protocol (HTTP).

15.    (Original) The method of claim 8 further comprising, interacting with the remote transparent VPN service with mutually signed certificates that are exchanged between the method and the remote transparent VPN service during the interactions.

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111
Serial Number: 10/813,990
Filing Date: March 31, 2004
Title: SECURE TRANSPARENT VIRTUAL PRIVATE NETWORKS

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Dkt: 1565.074US1

16. (Currently Amended) A Virtual Private Network (VPN) managing system, comprising:

a remote transparent VPN service; and

a local transparent VPN service, wherein the local transparent VPN service intercepts and manages VPN traffic on behalf of one or more local clients via a proxy that determines traffic from the local clients is to be associated with the VPN traffic, and the local transparent VPN service also services communications of those local clients with data in a local cache, if available to provide accelerated data delivery to the local clients, and if the data is not available in the local cache, the local transparent VPN service transmits the communications securely to the remote transparent VPN service for delivery and servicing by one or more remote clients which the remote transparent VPN service manages.

17. (Original) The VPN managing system of claim 16 wherein the local transparent VPN service and the remote transparent VPN service interact via at least one of Secure Sockets Layer (SSL) and Transport Layer Security (TLS).

18. (Original) The VPN managing system of claim 16 wherein the local transparent VPN service intercepts local VPN traffic on behalf of the one or more local clients by inspecting Transmission Control Protocol (TCP) or File Transfer Protocol (FTP) communications originating from the one or more local clients.

19. (Original) The VPN managing system of claim 16 wherein the local transparent VPN service intercepts the VPN traffic through a router or switch which is configured to relay communications on a defined port to the local transparent VPN service.

20. (Original) The VPN managing system of claim 16 wherein communications between the local and remote transparent VPN services occur with mutually exchanged certificates.

21.     (Currently Amended) A Virtual Private Network (VPN) managing system, comprising:

a communication port; and

a local transparent VPN service, wherein VPN communications directed to the communication port are relayed to the local transparent VPN service, the local transparent VPN service attempts to service the VPN communications from local cache and if attempts fail, the local transparent VPN service securely communicates with a remote transparent VPN service via an insecure network to service the VPN communications, and wherein a proxy that intercepts communications from local clients directed to remote clients directs those communications to the communication port as the VPN communications.

22.     (Original) The VPN managing system of claim 21 further comprising a router or switch which relays the VPN communications to the local transparent VPN service.

23.     (Currently Amended) The VPN managing system of claim 21, wherein the system resides on a server and services a plurality of the local clients associated with the VPN communications.

24.     (Original) The VPN managing system of claim 21 wherein the system resides on a single client.

25.     (Currently Amended) The VPN managing system of claim 21 wherein the local transparent VPN service translates and services the VPN communications on behalf of the a one or more of local clients.

26.     (Original) The VPN managing system of claim 25 wherein the remote transparent VPN service translates and service the VPN communication on behalf of a one or more of remote clients.